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Assistant Commissioner for Patents
Washington, D.C. 20231

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26 December 2001

INTELLECTUAL PROPERTY LAW

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Attorney Docket: P56592

Sir:

Submitted herewith is the following patent application:

Inventor: 1) EUNG-SEOK ROH

Title: PPPoA SPOOFING IN POINT-TO-POINT PROTOCOL OVER
ATM USING AN xDSL MODEM (as amended)

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, original Declaration And Power of Attorney, Assignment, and a certified copy of the foreign priority document identified below:

Please enter the attached Preliminary Amendment, prior to calculating the filing fee for the application.

Verified Showing of Small Entity Status: **NO**

Drawings: Formal drawings, 4 sheets, Figures 1 through 7

Claim of priority under 35 U.S.C. §119: **YES**

** U.S. Provisional Application No. 60/316,282 filed on 4 September 2001.

FEE (see formula below): CHECKS ARE ENCLOSED (#40800 and #40801)

Basic Fee \$370/740 \$740.00

Additional Fees:

Total number of claims in excess of 20: ____ times \$9/18 . \$0.00

Number of independent claims in excess of 3: ____ times \$42/84 \$0.00

Multiple Dependent Claims \$140/280 \$0.00

An Assignment is likewise enclosed: Recording Fee \$40 . . \$40.00

Filing Non-English specification \$0.00

TOTAL FEES FOR THE ABOVE APPLICATION **\$780.00**

Inventor: 1) EUNG-SEOK ROH

Title: PPPoA SPOOFING IN POINT-TO-POINT PROTOCOL OVER
ATM USING AN xDSL MODEM (as amended)

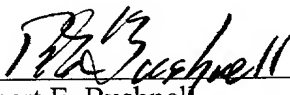
Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell
1522 K Street, N.W.
Suite 300
Washington, D.C. 20005

Respectfully submitted,



Robert E. Bushnell
(Registration No. 27,774)
Payor No.: 008-439
Attorney for the Applicant
1522 K Street, N.W.
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Washington, D.C. 20005

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REB/sb



12/26/01

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PTO/SB/17 (08-00)

Approved for use through 9/30/2000. OMB 0651-0032

Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL

Patent fees are subject to annual revision.

Complete If Known

Application Number	To be Assigned
Filing Date	26 December 2001
First Named Inventor	EUNG-SEOK ROH
Examiner Name	To be Assigned
Group/Art Unit	To be Assigned

TOTAL AMOUNT OF PAYMENT

(\$)**780.00**

Attorney Docket No.

P56592

METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: **02-4943**

Deposit Account Number: _____

☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

☐ Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:**(CHECK #40800 & #40801)**

☒ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	\$740.00
106	330	206	165	Design filing fee	\$
107	510	207	255	Plant filing fee	\$
108	740	208	370	Reissue filing fee	\$
114	160	214	80	Provisional filing fee	\$
SUBTOTAL (1)				(\$)	740.00

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total claims 14 -20** =	x	=	
Independent Claims 2 -3** =	x	=	
Multiple Dependent		=	

** or number previously paid, if greater; For Reissues, see below

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)(\$)**.00****FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge-late filing fee or oath	\$
127	50	227	25	Surcharge-late provisional filing fee or cover sheet	\$
139	130	139	130	Non-English specification	\$
147	2,520	147	2,520	For filing a request for reexamination	\$
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	\$
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	\$
115	110	215	55	Extension for reply within first month	\$
116	400	216	200	Extension for reply within second month	\$
117	920	217	460	Extension for reply within third month	\$
118	1,440	218	720	Extension for reply within fourth month	\$
128	1,960	228	980	Extension for reply within fifth month	\$
119	320	219	160	Notice of Appeal	\$
120	320	220	160	Filing a brief in support of an appeal	\$
121	280	221	140	Request for oral hearing	\$
138	1,510	138	1,510	Petition to institute a public use proceeding	\$
140	110	240	55	Petition to revive - unavoidable	\$
141	1,280	241	640	Petition to revive - unintentional	\$
142	1,280	242	640	Utility issue fee (or reissue)	\$
143	460	243	230	Design issue fee	\$
144	620	244	310	Plant issue fee	\$
122	130	122	130	Petitions to the Commissioner	\$
123	50	123	50	Petitions related to provisional applications	\$
126	180	126	180	Submission of Information Disclosure Statement	\$
581	40	581	40	Recording each patent assignment per property (Times number of properties)	\$40.00
146	740	246	370	Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$
149	740	249	370	For each additional invention to be examined (37 C.F.R. §1.129(b))	\$
Other Fee (specify) _____					\$
Other Fee (specify) _____					\$

** Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **\$40.00****SUBMITTED BY****Complete (if applicable)**

Typed or Printed Name

Robert E. Bushnell, Esq.

Reg. Number

27,774

Signature

Date

26 December 2001

Deposit Account User ID

REB/sb

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

EUNG-SEOK ROH

Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 26 December 2001

Art Unit: *to be assigned*

For: PPPoA SPOOFING IN POINT-TO-POINT PROTOCOL OVER ATM USING AN
xDSL MODEM (as amended)

TRANSMITTAL OF DECLARATION

Assistant Commissioner
for Patents
Washington, D.C. 20231

Sir:

This transmittal accompanies the original Declaration for the above-referenced application.

Respectfully submitted,



Robert E. Bushnell,
Attorney for the Applicant
Registration No.: 27,774

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Folio: P56592
Date: 26 December 2001
I.D.: REB/sb